

Day : Tuesday  
Date: 4/17/2007

**PALM INTRANET**

Time: 14:34:41

## Inventor Name Search Result

Your Search was:

Last Name = HARADA

First Name = KAZUHIRO

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>06436856</u>	4508251	150	10/26/1982	CABLE PULLING/FEEDING APPARATUS	HARADA, KAZUHIRO
<u>08985825</u>	5877934	150	12/05/1997	CERAMIC COMPOSITION AND MULTILAYER CERAMIC CAPACITOR MADE THEREFROM	HARADA, KAZUHIRO
<u>09028403</u>	6008981	150	02/24/1998	MONOLITHIC CERAMIC CAPACITOR	HARADA, KAZUHIRO
<u>09287710</u>	6356037	150	04/07/1999	DIELECTRIC CERAMIC AND A CAPACITOR USING THE SAME	HARADA, KAZUHIRO
<u>09467998</u>	6380118	150	12/20/1999	NONLINEAR DIELECTRIC CERAMIC, PULSE GENERATING CAPACITOR, HIGH-PRESSURE VAPOR DISCHARGE LAMP CIRCUIT, AND HIGH-PRESSURE VAPOR DISCHARGE LAMP	HARADA, KAZUHIRO
<u>09644183</u>	6379460	150	08/23/2000	THERMAL SHIELD DEVICE AND CRYSTAL-PULLING APPARATUS USING THE SAME	HARADA, KAZUHIRO
<u>09718659</u>	Not Issued	161	11/22/2000	Silicon wafer and method for manufacturing the same	HARADA, KAZUHIRO
<u>09987691</u>	6650522	150	11/15/2001	SEMICONDUCTOR RELAY SYSTEM AND METHOD FOR CONTROLLING THE SEMICONDUCTOR RELAY SYSTEM	HARADA, KAZUHIRO
<u>10239784</u>	6671192	150	03/31/2003	POWER APPARATUS	HARADA, KAZUHIRO
<u>10527566</u>	Not Issued	30	01/06/2006	Heat shielding member of silicon single crystal pulling system	HARADA, KAZUHIRO

<u>10561820</u>	Not Issued	20	02/01/2007	Silicon single crystal pulling method	HARADA, KAZUHIRO
<u>10769367</u>	7208042	150	01/30/2004	METHOD OF MANUFACTURING SILICON SINGLE CRYSTAL AND SILICON SINGLE CRYSTAL MANUFACTURED BY THE METHOD	HARADA, KAZUHIRO
<u>10784411</u>	7074271	150	02/23/2004	METHOD OF IDENTIFYING DEFECT DISTRIBUTION IN SILICON SINGLE CRYSTAL INGOT	HARADA, KAZUHIRO
<u>11247168</u>	Not Issued	25	10/12/2005	Electric blower	HARADA, KAZUHIRO
<u>11382121</u>	Not Issued	25	05/08/2006	Method For Manufacturing Nitrogen-Doped Silicon Single Crystal	HARADA, KAZUHIRO
<u>11494490</u>	Not Issued	30	07/28/2006	SYSTEM AND METHOD FOR PERSONAL IDENTIFICATION USING BIOMETRICS DATA, AND COMPUTER-READABLE RECORDING MEDIUM IN WHICH PERSONAL IDENTIFICATION PROGRAM IS STORED	HARADA, KAZUHIRO
<u>11574016</u>	Not Issued	19	01/01/0001	ELECTRIC MOTOR DRIVING DEVICE, AND AIR CONDITIONER USING THE SAME	HARADA, KAZUHIRO
<u>11605459</u>	Not Issued	30	11/29/2006	Method and device for authenticating a person, and computer product	HARADA, KAZUHIRO

Inventor Search Completed: No Records to Display.

<b>Search Another: Inventor</b>	<b>Last Name</b>	<b>First Name</b>	<input type="button" value="Search"/>
	<input type="text" value="Harada"/>	<input type="text" value="Kazuhiro"/>	

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**PALM INTRANET**

Time: 14:35:05

**Inventor Name Search Result**

Your Search was:

Last Name = SUZUKI

First Name = YOJI

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>06427039</u>	4500639	150	09/29/1982	CULTURING/BOULETELLA IN MEDIA CONTAINING ETHERIFIED CYCLODEXTRIN	SUZUKI, YOJI
<u>06591169</u>	Not Issued	161	03/19/1984	METHOD FOR THE PRODUCTION OF HA FRACTION CONTAINING PROTECTIVE ANTIGENS OF BORDETELLA PERTUSSIS AND PERTUSSIS VACCINE	SUZUKI, YOJI
<u>06800634</u>	Not Issued	166	11/05/1985	CEPHALOSPORIN DERIVATIVE, PROCESS FOR PRODUCTION THEREOF AND PHARMACEUTIAL USE THEREOF	SUZUKI, YOJI
<u>06817946</u>	4668782	250	12/17/1985	AN ANHYDROUS CRYSTALLINE OR CRYSTALLINE HEMIHYDRATE MONOHYDRATE OR TRIHYDRATE OF CEPHALOSPORIN DERIVATIVE	SUZUKI, YOJI
<u>06874670</u>	4687738	150	06/16/1986	METHOD FOR THE PRODUCTION OF HA FRACTION CONTAINING PROTECTIVE ANTIGENS OF BORDETELLA PERTUSSIS AND PERTUSSIS VACCINE	SUZUKI, YOJI
<u>07205598</u>	Not Issued	164	11/05/1987	3-(1-AZABICYCLO)-METHYL-CEPHALOSPORIN COMPOUNDS	SUZUKI, YOJI
<u>07295724</u>	5116942	150	12/02/1988	PROTEIN HAVING AN INFLAMMATORY	SUZUKI, YOJI

				PHOSPHOLIPASE A2 INHIBITORY ACTIVITY	
<u>07362855</u>	<u>5153308</u>	150	06/07/1989	S-SULFONATED CALCITONIN DERIVATIVES	SUZUKI, YOJI
<u>07391595</u>	Not Issued	161	07/31/1989	CEPHALOSPORIN COMPOUNDS OR THEIR SALTS, PROCESS FOR PRODUCTION OF SAME AND THEIR PHARMACEUTICAL COMPOSITIONS	SUZUKI, YOJI
<u>07391616</u>	Not Issued	161	07/31/1989	CEPHALOSPORIN COMPOUNDS OR THEIR SALTS, PROCESS FOR PRODUCTION OF SAME AND THEIR PHARMACEUTICAL COMPOSITIONS	SUZUKI, YOJI
<u>07415203</u>	Not Issued	161	08/24/1989	NOVEL TYPE OF HUMAN PHOSPHOLIPASE A2 AND ITS FRAGMENT PEPTIDE	SUZUKI, YOJI
<u>07671803</u>	Not Issued	166	05/31/1991	PROTEIN INHIBITORS OF PHOSPHOLIPASE A2 PURIFIED FROM INFLAMMATORY SITES, PRODUCTION PROCESS AND GENE THEREFOR	SUZUKI, YOJI
<u>07775932</u>	Not Issued	166	10/25/1991	METHOD OF SELECTING AND RECOVERING GENE RECOMBINANT ANIMAL CELLS	SUZUKI, YOJI
<u>07852169</u>	Not Issued	166	04/03/1992	PLASMID AND MICROBIAL CELL FOR PRODUCTION OF AN INHIBITORY PROTEIN FOR PHOSPHOLIPASE A2 FROM INFLAMMATORY SITES, AND THE PRODUCTION AND USE OF SAID PROTEIN	SUZUKI, YOJI
<u>08047379</u>	<u>5344764</u>	150	04/16/1993	PROTEIN INHIBITORS OF PHOSPHOLIPASE A2 PURIFIED FROM INFLAMMATORY SITES AND PRODUCTION PROCESS	SUZUKI, YOJI
<u>08078486</u>	Not Issued	161	06/17/1993	METHOD OF SELECTING AND RECOVERING GENE RECOMBINANT ANIMALS CELLS	SUZUKI, YOJI
<u>08110205</u>	Not Issued	161	08/23/1993	PLASMID AND MICROBIAL CELL FOR PRODUCTION OF AN INHIBITORY PROTEIN FOR PHOSPHOLIPASE A2 FROM	SUZUKI, YOJI

				INFLAMMATORY SITES, AND USE OF SAID PROTEIN	
<u>08251249</u>	<u>5544191</u>	150	05/31/1994	METAL VAPOR LASER CAPABLE OF COLD OPERATION	SUZUKI, YOJI
<u>08355481</u>	<u>5919713</u>	150	12/14/1994	SEMICONDUCTOR DEVICE AND METHOD OF MAKING	SUZUKI, YOJI
<u>09270843</u>	<u>6455945</u>	150	03/18/1999	SEMICONDUCTOR DEVICE HAVING A FRAGMENT OF A CONNECTION PART PROVIDED ON AT LEAST ONE LATERAL EDGE FOR MECHANICALLY CONNECTING TO ADJACENT SEMICONDUCTOR CHIPS	SUZUKI, YOJI
<u>09578271</u>	<u>6463195</u>	150	05/25/2000	METHOD OF MANUFACTURING POLARIZATION- MAINTAINING OPTICAL FIBER COUPLER	SUZUKI, YOJI
<u>*09644183</u>	<u>6379460</u>	150	08/23/2000	THERMAL SHIELD DEVICE AND CRYSTAL-PULLING APPARATUS USING THE SAME	SUZUKI, YOJI
<u>09694163</u>	<u>6428619</u>	150	10/23/2000	SILICON WAFER, AND HEAT TREATMENT METHOD OF THE SAME AND THE HEAT- TREATED SILICON WAFER	SUZUKI, YOJI
<u>09945622</u>	<u>6472738</u>	150	09/05/2001	COMPOUND SEMICONDUCTOR DEVICE	SUZUKI, YOJI
<u>09985488</u>	<u>6627714</u>	150	11/05/2001	METHOD FOR PRODUCING AN OLEFIN TYPE COPOLYMER HAVING A CYCLIC STRUCTURE	SUZUKI, YOJI
<u>10162012</u>	<u>6682597</u>	150	06/03/2002	SILICON WAFER, AND HEAT TREATMENT METHOD OF THE SAME AND THE HEAT- TREATED SILICON WAFER	SUZUKI, YOJI
<u>10301816</u>	<u>6930334</u>	150	11/22/2002	HIGH FREQUENCY SEMICONDUCTOR DEVICE	SUZUKI, YOJI
<u>*10527566</u>	Not Issued	30	01/06/2006	Heat shielding member of silicon single crystal pulling system	SUZUKI, YOJI
<u>10561820</u>	Not Issued	20	02/01/2007	Silicon single crystal pulling method	SUZUKI, YOJI
<u>10769367</u>	<u>7208042</u>	150	01/30/2004	METHOD OF MANUFACTURING SILICON	SUZUKI, YOJI

				SINGLE CRYSTAL AND SILICON SINGLE CRYSTAL MANUFACTURED BY THE METHOD	
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**Inventor Search Completed:** No Records to Display.

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<b>Search Another: Inventor</b>	<b>Last Name</b>	<b>First Name</b>	<input type="button" value="Search"/>
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Day : Tuesday  
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 **PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = FU

First Name = SENLIN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
*09644183	6379460	150	08/23/2000	THERMAL SHIELD DEVICE AND CRYSTAL-PULLING APPARATUS USING THE SAME	FU, SENLIN
	<i>Related Application</i>				
*10527566	Not Issued	30	01/06/2006	Heat shielding member of silicon single crystal pulling system	FU, SENLIN
	<i>Applicant's Application</i>				
10561820	Not Issued	20	02/01/2007	Silicon single crystal pulling method	FU, SENLIN
11357826	Not Issued	25	02/17/2006	Method for pulling up single crystal	FU, SENLIN

**Inventor Search Completed: No Records to Display.**

**Search Another: Inventor**

<b>Last Name</b>	<b>First Name</b>	
<input type="text" value="Fu"/>	<input type="text" value="Senlin"/>	<input type="button" value="Search"/>

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**PALM INTRANET**

Time: 14:35:55

**Inventor Name Search Result**

Your Search was:

Last Name = FURUYA

First Name = HISASHI

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">07313799</a>	<a href="#">4981549</a>	150	02/22/1989	METHOD AND APPARATUS FOR GROWING SILICON CRYSTALS	FURUYA, HISASHI
<a href="#">07933879</a>	<a href="#">5264189</a>	150	08/21/1992	APPARATUS FOR GROWING SILICON CRYSTALS	FURUYA, HISASHI
<a href="#">08420350</a>	<a href="#">5474022</a>	150	04/11/1995	DOUBLE CRUCIBLE FOR GROWING A SILICON SINGLE CRYSTAL	FURUYA, HISASHI
<a href="#">08502053</a>	<a href="#">5674756</a>	150	07/14/1995	METHOD FOR INTRINSIC-GETTERING SILICON WAFER	FURUYA, HISASHI
<a href="#">08626280</a>	<a href="#">5714267</a>	150	04/04/1996	SEED CRYSTAL OF SILICON SINGLE CRYSTAL	FURUYA, HISASHI
<a href="#">08633474</a>	Not Issued	161	04/16/1996	TRANSISTOR STRUCTURE	FURUYA, HISASHI
<a href="#">08774183</a>	<a href="#">5873938</a>	150	12/26/1996	SINGLE CRYSTAL PULLING APPARATUS	FURUYA, HISASHI
<a href="#">08774184</a>	<a href="#">5858087</a>	150	12/26/1996	SINGLE CRYSTAL PULLING APPARATUS	FURUYA, HISASHI
<a href="#">08781818</a>	<a href="#">5840115</a>	150	01/10/1997	SINGLE CRYSTAL GROWTH METHOD	FURUYA, HISASHI
<a href="#">08781841</a>	<a href="#">5871581</a>	150	01/10/1997	SINGLE CRYSTAL PULLING APPARATUS	FURUYA, HISASHI
<a href="#">08781842</a>	<a href="#">5891245</a>	150	01/10/1997	SINGLE CRYSTAL PULLING METHOD AND APPARATUS FOR ITS IMPLEMENTATION	FURUYA, HISASHI
<a href="#">08781843</a>	<a href="#">5779792</a>	150	01/10/1997	SINGLE CRYSTAL PULLING APPARATUS	FURUYA, HISASHI
<a href="#">08791777</a>	<a href="#">5895527</a>	150	01/29/1997	SINGLE CRYSTAL PULLING APPARATUS	FURUYA, HISASHI
<a href="#">08822489</a>	<a href="#">5797638</a>	150	03/24/1997	HOIST APPARATUS FOR ANNULAR MEMBER	FURUYA, HISASHI
<a href="#">08825637</a>	<a href="#">5843228</a>	150	04/01/1997	APPARATUS FOR	FURUYA, HISASHI



				PREVENTING HEATER ELECTRODE MELTDOWN IN SINGLE CRYSTAL PULLING APPARATUS	
08834293	5897706	150	04/15/1997	METHOD FOR CRUCIBLE ATTACHMENT TO SUPPORT BASE OF SINGLE CRYSTAL PULLING APPARATUS AND SUPPORT BASE ASSEMBLY APPARATUS AND SUPPORT BASE EMPLOYED THEREIN	FURUYA, HISASHI
<del>09644183</del>	<del>6379460</del> <i>Related Application</i>	150	08/23/2000	THERMAL SHIELD DEVICE AND CRYSTAL-PULLING APPARATUS USING THE SAME	FURUYA, HISASHI
09667885	6663708	150	09/22/2000	SILICON WAFER, AND MANUFACTURING METHOD AND HEAT TREATMENT METHOD OF THE SAME	FURUYA, HISASHI
09694163	6428619	150	10/23/2000	SILICON WAFER, AND HEAT TREATMENT METHOD OF THE SAME AND THE HEAT- TREATED SILICON WAFER	FURUYA, HISASHI
09718659	Not Issued	161	11/22/2000	Silicon wafer and method for manufacturing the same	FURUYA, HISASHI
10162012	6682597	150	06/03/2002	SILICON WAFER, AND HEAT TREATMENT METHOD OF THE SAME AND THE HEAT- TREATED SILICON WAFER	FURUYA, HISASHI
<del>10527566</del>	Not Issued	30	01/06/2006	Heat shielding member of silicon single crystal pulling system	FURUYA, HISASHI
10628690	Not Issued	161	07/28/2003	Method of manufacturing silicon	FURUYA, HISASHI

Inventor Search Completed: No Records to Display.

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	<input type="text" value="Furuya"/>	<input type="text" value="Hisashi"/>	

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Time: 14:36:16

**Inventor Name Search Result**

Your Search was:

Last Name = ABE

First Name = HIDENOBU

Application#	Patent#	Status	Date Filed	Title	Inventor Name
*10527566	Not Issued	30	01/06/2006	Heat shielding member of silicon single crystal pulling system	ABE, HIDENOBU
10769367	7208042	150	01/30/2004	METHOD OF MANUFACTURING SILICON SINGLE CRYSTAL AND SILICON SINGLE CRYSTAL MANUFACTURED BY THE METHOD	ABE, HIDENOBU

**Inventor Search Completed:** No Records to Display.**Search Another: Inventor**

Last Name

Abe

First Name

Hidenobu

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6,045,610  
6,379,460  
5,843,888

Jules-E. Goldberg  
Tel# (212) 521-5400

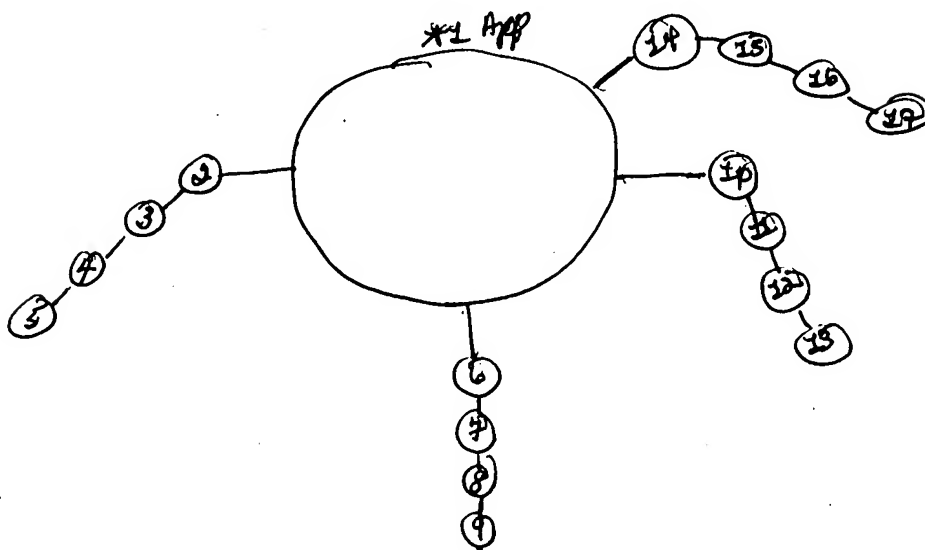
14/527,566

Examiner's Notes

14903 (3/7/2006)

S(heat? (a) shield on heat? (b) bafflet?)  
S(COSF or oxidation(w) induced(w) Struck(w) Fault?)  
S(COP or crystal(w) originated(w) particle)  
S(TDDB or Time(w) dependent(w) Dielectric(w) Breakdown)  
S(TDDB or Time(w) zero(w) Dielectric(w) Breakdown)

\*Priority Document Rec'd JP-2002-271540 09/10/2000



103 Rej

Claims 1-17 are rejected using U.S. Pat. No. 6,379,460 B2 (Harada et al).  
Harada et al does not exactly teach a heat accumulating portion <sup>is</sup> having a thermal conductivity of  $5 \text{ W/(m}^\circ\text{C)}$  or less... or "the minimum distance(w) between the outer peripheral face ... and the inner peripheral face ~~of~~ the heat accumulating portion is 20mm or more and 0.2d or less."